Recreational Use Attainability Analysis

Cover Sheet

water Body Nai	me: Inbutary to Busch Creek		
Water Body Ide	entification #:1687		
Completed UAA	A Checklist:		
G Pre-Field	Preparatory Data Sheet		
G Maps with	h actual survey sites marked		
G Data Shee	et A		
	et $B - 3$ of 3 pages for each site		
	umber of Sites: 6		
	et C (if applicable)		
	umber of Interviews:		
G Photograp	•		
o Qi	uantities		
	 Upstream 3 Downstream 2 Other addition is for miller 		
	• Other add the state of the	ita.	
	Other state of the Miller	3.781	
I, the undersigne	ed, hereby affirm to the best of my kn	owledge, that al	ll information reported in this UAA
is true and accui	rate.	9 /	operate in this crim
		. /.	- 1.17
Signed:		Date: <i>10/9</i>	1/00
Printed Name:	David Brisker	Telephone #:	410-356-8993
Organization:	Tetra Tech, Inc.	Position:	Scientist

<u>Pre-Field Preparatory Data Sheet</u> <u>for Recreational Use Stream Surveys</u>

Water Body Name: **Tributary to Busch Creek** (from USGS 7.5' quad)

8-digit HUC: 10300200 Missouri Water Body Identification (WBID) #: 1687

County: Franklin

Upstream Legal Description: Mouth

Downstream Legal Description: 34, 44N, 01W

Discharger Facility Name(s): Mid-American Caoches

Discharger Permit Number(s): MO0127124

Weather Conditions for Past 7 days:

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest.

WBID # 1687 Site # 641

Date: 10 / 6 / 06

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet A - Water Body Identification

Water Body Name: Tributary to Busch Creek

WBID #: 1687

Upstream Coordinates:
(WGS 84, ddd.ddddd) (1148) 38, 52328, -90.9918 |

Downstream Coordinates:
(WGS 84, ddd.ddddd) (1153) 38, 54026, -90 98467

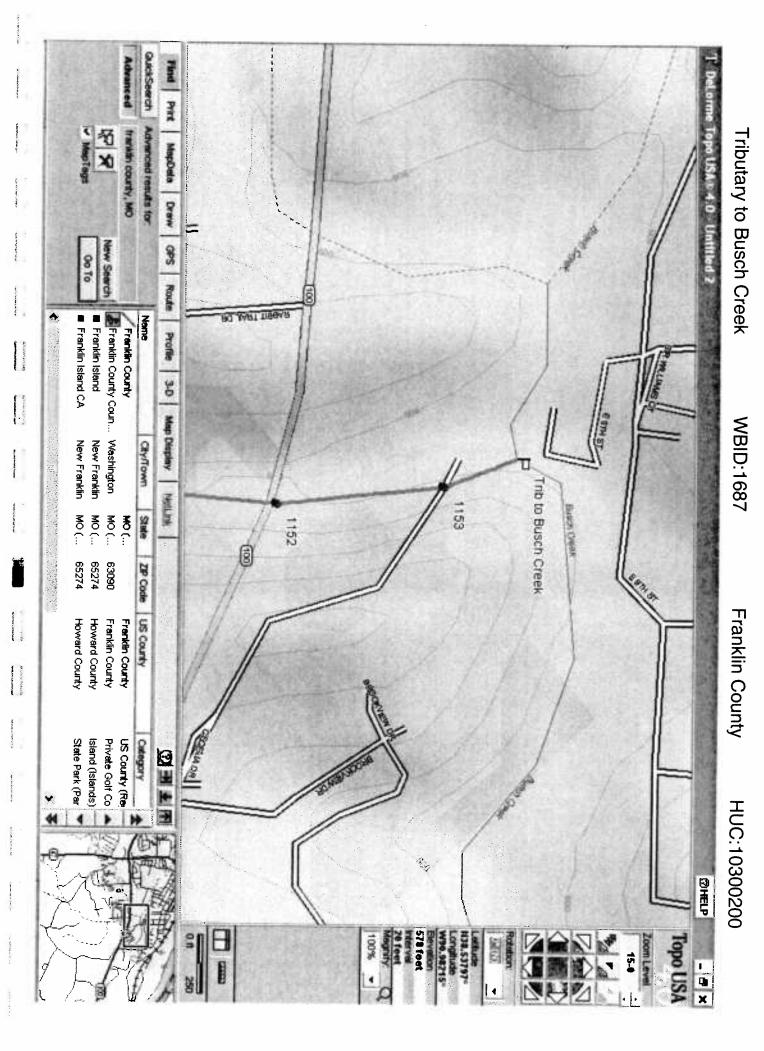
Current Weather Conditions: Clear warm

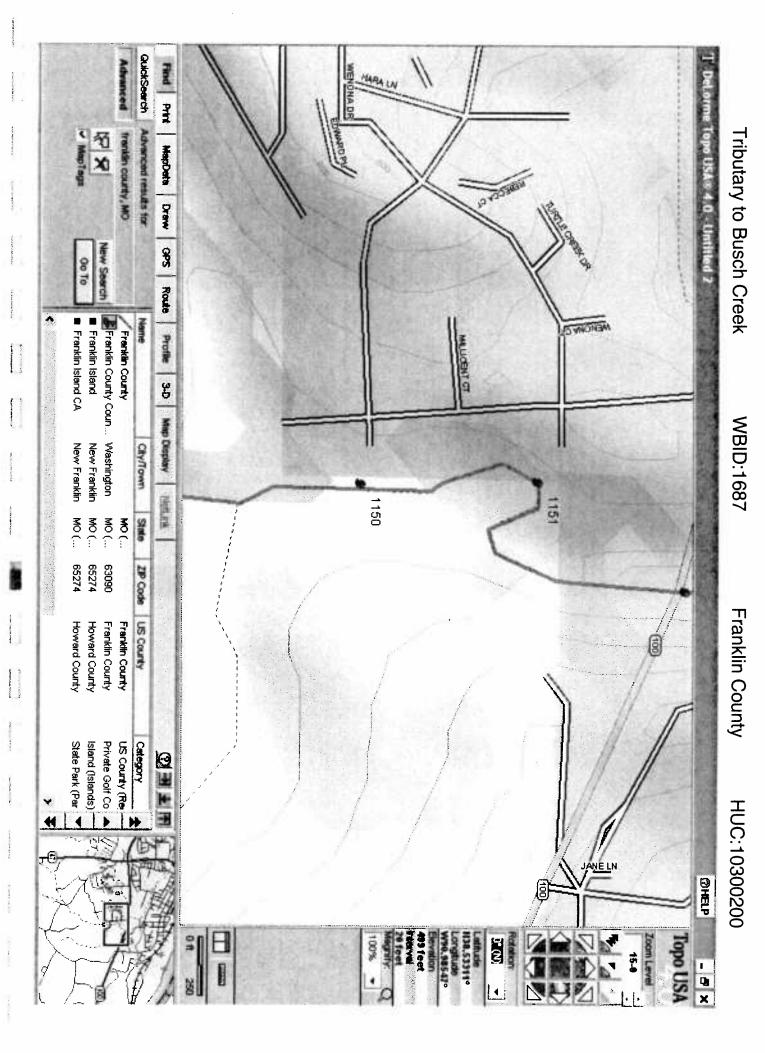
Number of Sites Evaluated: 6

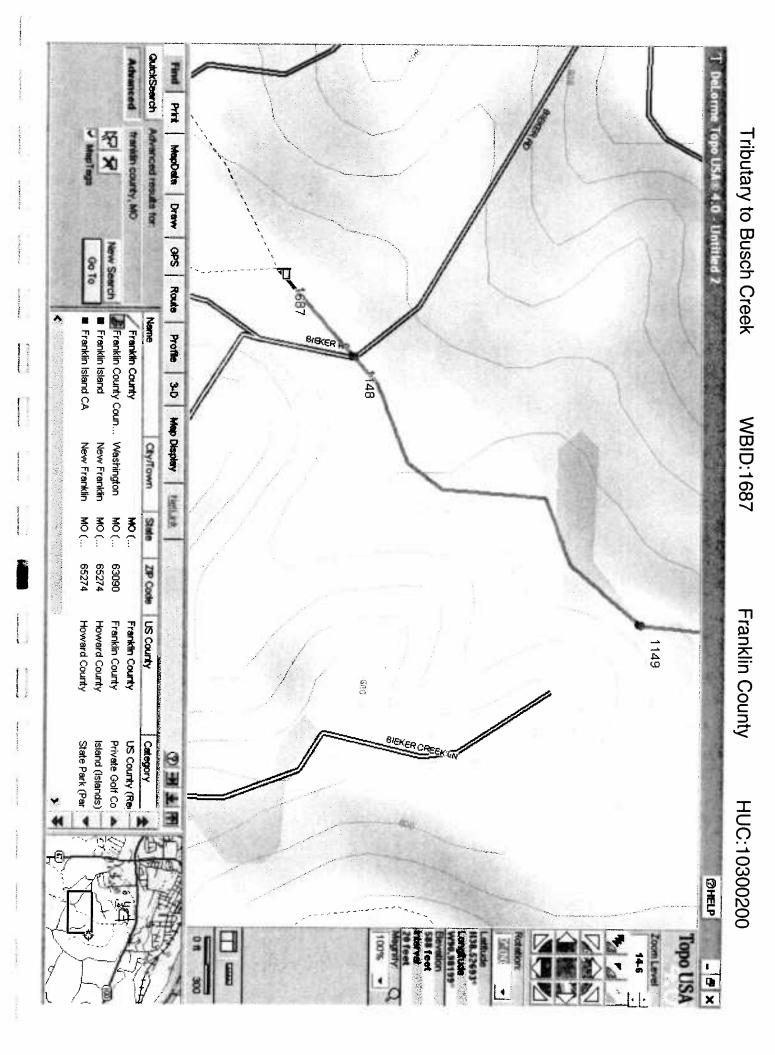
Name(s) of Surveyor(s):

Dave Bressler Kelly Jacques

No. of the M







WBID	#(87	Site #	1148
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Date: 10/06/06

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet B - Site Characterization - 1 of 3
(A separate Data Sheet B must be completed for each site)

Latitude (ddd.dddd):	38,52328				Arrival Time:	***************************************
Longitude (ddd.dddd):	- 90 99181				7345	
Photo Ids: Upstream:	174	Oownstrean	176		Other:	, steep soce Fence
rrative Description	of Location: (De	scribe acce	s point to stream, ne	arby roac	ls, landmarks, etc.)	
@ rd cros	sing, unde	er ol	d bridge	, 5α	4h Poirit	₹₫.
rrounding Conditions of interest.)	ns*: (Mark all that j	promote or	impede recreational i	uses. Atta	ich photos of evide	nce or unusual
☐ City/county parks	☐ Playgrounds	□ MDC	conservation lands	□ Uı	ban areas	☐ Campgrounds
☐ Boating accesses	☐ State parks	□ Nation	al forests	□ Na	ture trails	☐ Stairs/walkway
☐ No trespass sign	☐ Fence	☐ Steep	lopes	☑ Ot	her: Pasture	<u>-</u>
man Uses Observed						
Swimming	☐ Skin diving		SCUBA diving		ıbing	☐ Water skiing
☐ Wind surfing	☐ Kayaking		Boating		ading	☐ Rafting
☐ Hunting Describe: (include numl	☐ Trapping		ishing	N M	one of the above	☐ Other:
dence of Human Us	;e*:					
dence of Human Us ☑ Roads	se*: ☐ Foot paths/prin	ts 🗆	Dock/platform	☐ Liv	estock Watering	□ RV / ATV Track:
			Dock/platform Fire pit/ring		restock Watering DES Discharge	□ RV / ATV Tracks
Roads	☐ Foot paths/prin		· · · · · · · · · · · · · · · · · · ·			☐ RV / ATV Tracks
☐ Roads ☐ Rope swings ☐ Other:	☐ Foot paths/prin☐ Camping Sites		Fire pit/ring			1
☐ Roads ☐ Rope swings	☐ Foot paths/prin☐ Camping Sites		Fire pit/ring			1

w	/RID# //	087_Site#_ <u> </u> 4	ΙΧ̈́			4
		61 06	<u> </u>			4
	<u></u>		Sheet B - Site Cha	racterization – 2 o	f 3	
			SHOOT IS SHOOT SHOOT	RHOURIBHUIDIE 20.	13	
St	ream Morp Upstream	ohology: View Physical Dim	iensions:			
	ронсын	Distance from access point (m)	Width (m)	Length (m)	Avg. Depth (m)	Max Depth (m)
	□ Riffle					
	□ Run					
	Pool	(° aues»	1.5	a	0.05	0.15
	☑ Flow	Present?	□ No	Velocity (ft/sec): O		
	Downstrea	nm View Physical D	Dimensions:			
		Distance from access point (m)	Width (m)	Length (m)	Avg. Depth (m)	Max Depth (m)
	□ Riffle					
	□ Run					
	Q Pool	Same	9	9	0.5	0.8
	Tow	Present?		Velocity (ft/sec):)	
Su	ıbstrate*: ((These values should add	d up to 100%.)			
	15 %	Cobble 15 %C	Gravel 70 %S	Sand % S	Silt % Mud/Clay	% Bedrock
A	anatic Vege	e tation*: (Note amour	nt of vegetation or algal a	orowth at the assessmen	nt cite)	
			it of togother of magnity	growth at the appendings	u sic.,	
		none				
W	ater Chara	acteristics*: (Mark all	l that apply.)			
	Odor:	☐ Sewage		Chemical No	one	
	Color:	☐ Clear	☑ Green □	Gray 🗆 M	ilky Cother:	Brown

☐ Foam

Fine sediments

Bottom Deposit:

Surface Deposit:

☐ Sludge

☑ Oil

☐ Solids

□ Scum

☐ None

□ None

☐ Other:

☐ Other:

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WBID # 1687 Site # 1/48	5
Date: 10 / 60 / 60	
Data Sheet B - Site Characterization – 3 of 3	
Comments: Please describe any departures from protocol and the reasons for departure (e.g., unanticipated unique loca conditions, problems in measuring, site relocation).	ıl
ngu	

	Field Data S	heets for Recreation	onal Use Stream Sui	rveys
	(Make addition	Data Sheet C – land copies as necess	ary for multiple inter	views)
	n the area? Valong have you			and the
	sonally used thinse check ALL t	•	creation since 1975?	☐ Yes ☐ No
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☑ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Wading	☐ Rafting
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	☐ Other:
	G $1-5$ time G Less than served others us	1 rime per year – p	lease describe:	1975? □ Yes □ N
	G 1 – 5 time G Less than	s per year 1 time per year – p ing this water body		1975? □ Yes □ N
If so, ple	G 1 − 5 time G Less than served others us ase check ALL t	s per year 1 time per year – p ing this water body that apply:	for recreation since	
If so, ple ☐ Swimming	G 1 − 5 time G Less than served others us ase check ALL to	s per year 1 time per year – p ing this water body that apply: SCUBA diving	for recreation since	☐ Water skiing
If so, ple ☐ Swimming ☐ Wind surfing ☐ Hunting	G 1 – 5 time G Less than Served others us ase check ALL to Skin diving Kayaking Trapping Trapping The have you obse G More than G 1 – 5 time	s per year 1 time per year – p ing this water body that apply:	for recreation since Tubing Wading None of the above	☐ Water skiing ☐ Rafting
If so, ple ☐ Swimming ☐ Wind surfing ☐ Hunting How often	G 1 – 5 time G Less than Served others use ase check ALL to Skin diving Kayaking Trapping Trapping The have you obse G More than G 1 – 5 time G Less than	s per year 1 time per year – p ling this water body that apply: SCUBA diving Boating Fishing erved it being used 5 times per year s per year 1 time per year – p	for recreation since Tubing Wading None of the above	☐ Water skiing ☐ Rafting ☐ Other:

Name:

Address: Telephone #:

WBID	#	87	Site #	1149
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Date: 10/06/06

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet B - Site Characterization - 1 of 3

(A separate Data Sheet B must be completed for each site)

Longitude (ddd.dddd): - Photo Ids: Upstream: 78 0 8 m, e5 0 rrounding Conditions in soft interest.) City/county parks	f Location: (Des	Scribe O (less id - rab	bit trail drivi	e
Photo Ids: Upstream: 178 Arrative Description of O 18 m, 1eg UP Prounding Conditions of interest.)	f Location: (Des STEAN St S*: (Mark all that p	Scribe O (access point to stream, ne 255 rd - rab	Other: arby roads, landmarks, etc.)	e
rrative Description of O 18 m, 1e5 OP rrounding Conditions us of interest.)	STEAM OF	O (access point to stream, ne	bit trail drivi	e
rrounding Conditions as of interest.)	STEAM OF	O (less id - rab	bit trail drivi	e
rrounding Conditions as of interest.)	STEAM OF	O (less id - rab	bit trail drivi	e
ns of interest.)			te or impede recreational u	uses. Attach photos of evide	nce or unusual
☐ City/county parks	☐ Playgrounds				
		⊔ M	MDC conservation lands	☐ Urban areas	☐ Campgrounds
☐ Boating accesses	☐ State parks	□N	ational forests	☐ Nature trails	☐ Stairs/walkway
☐ No trespass sign	☑ Fence	□ St	teep slopes	Other: Posture /	
ıman Uses Observed*					V. V.
☐ Swimming	☐ Skin diving		☐ SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking		☐ Boating	☐ Wading	☐ Rafting
☐ Hunting	☐ Trapping		☐ Fishing	☑ None of the above	Other:
	Maria Radio 7001		" requency of use, photo-	documentation of evidence	or recreational uses, etc.)
idence of Human Use*	*:				
□ Roads	☐ Foot paths/print	ts	☐ Dock/platform	☐ Livestock Watering	□ RV / ATV Tracks
☐ Rope swings	☐ Camping Sites		☐ Fire pit/ring	☐ NPDES Discharge	☐ Fishing Tackle
Other: Cow F	orre				
man of Dellevian		_			
irces of Pollution: (e.g.,	, trash dumping, tir	es, dra	ainages, discharges, etc.)		

WBID # 1687 Site # 1/49

Date: 10 / 11 U4

Data Sheet B - Site Characterization - 2 of 3

tream Morp Upstream	hology: View Physical Din	nensions:	NA dry	chan	أما	
	Distance from access point (m)	Width (m)	Length (n		g. Depth (m)	Max Depth (m)
☐ Riffle						
□ Run						
□ Pool						
☐ Flow	Present?	□ No	Velocity (ft/sec	c):		
Downstrea	m View Physical	Dimensions:	N/A-dea	channe	, (
	Distance from access point (m)	Width (m)	Length (n	1) <u>Ay</u>	g. Depth (m)	Max Depth (m)
☐ Riffle						
□ Run						
□ Pool						
☐ Flow	Present?	□ No	Velocity (ft/sec	c):		
ubetrata*: (These values should a	1d up to 100%)	_			
			% Sand	% Silt	% Mud/Clay	% Bedrock
quatic Vege	tation*: (Note amou	nt of vegetation or alg	gal growth at the ass	essment site.)		
Vater Chara	cteristics*: (Mark a	ll that apply.)	N/A -de	yoh	annel	
Odor:	☐ Sewage	☐ Musky	☐ Chemical	□None	☐ Other:	
Color:	□ Clear	☐ Green	☐ Gray	☐ Milky	☐ Other:	
Bottom Dep	osit: 🗆 Sludge	□ Solids	☐ Fine sediments	□ None	☐ Other:	
Surface Dep	osit: 🔲 Oil	□ Scum	☐ Foam	□ None	☐ Other:	

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WBID # Site #	5
Date: 10 / 60 / 00	
Data Sheet B - Site Characterization – 3 of 3	
Comments: Please describe any departures from protocol and the reasons for departure (e.g., unanticipated unique loc conditions, problems in measuring, site relocation).	al
NONE	

WBID	#	11087	Site #	1149

Date: 101 61 04

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet C - Interviews

check ALL the Skin diving Kayaking		□ Tubing	Nane C Sthc Sthc Yes □ No □ Water skiing □ Rafting
Cayaking Cay	☐ Boating		
Trapping do you use it fo		□ Wading	□ Rafting
do you use it fo	☐ Fishing		L Raiting
•		None of the above	☐ Other:
Less than 1	time per year – pl		975? □ Yes □ No
		T	
Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing
☐ Kayaking	☐ Boating	□ Wading	☐ Rafting
☐ Trapping	☐ Fishing	☐ None of the above	Other:
More than $1 - 5$ times	5 times per year per year		
nments:			
2 [[[[]]	Less than 1 ved others usi check ALL the Skin diving Kayaking Trapping nave you observed More than 1 - 5 times Less than 1	ved others using this water body check ALL that apply: Skin diving SCUBA diving Boating Trapping Fishing ave you observed it being used for More than 5 times per year 1 - 5 times per year Less than 1 time per year - ple	Less than 1 time per year – please describe: ved others using this water body for recreation since 1 check ALL that apply: Skin diving SCUBA diving Tubing Kayaking Boating Wading Trapping None of the above ave you observed it being used for recreation? More than 5 times per year 1 – 5 times per year Less than 1 time per year – please describe: ments:

Address:

Telephone #:

WBID	#	1687	Site #	1150
			,	

Date: 10 / 6 / 06

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet B - Site Characterization - 1 of 3 (A separate Data Sheet B must be completed for each

	3.53461		Arrival Time:	
Longitude (ddd.dddd): ~	90.98630		0926	
Photo Ids: Upstream:	Γ	Downstream:	Other:	
	172	173		
Frative Description	Di Location: (Des	scribe access point to stream, ne	arby roads, landmarks, etc.)	years .
DUC F Trai	n ucess,	povertine or p	none om -	paved
rounding Condition	18*: (Mark all that 1	promote or impede recreational u	uses. Attach photos of avido	maa amuunuu 1
s of interest.)	(promote of impede recreational t	ises. Attach photos of evide	nce or unusual
☐ City/county parks	☐ Playgrounds	☐ MDC conservation lands	☐ Urban areas	☐ Campgrounds
☐ Boating accesses	☐ State parks	☐ National forests	☐ Nature trails	☐ Stairs/walkway
☐ No trespass sign	☐ Fence	☐ Steep slopes	Other: CONSTYU	
				S. III
man Uses Observed	1			
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Wading	☐ Rafting
☐ Hunting	☐ Trapping	☐ Fishing	None of the above	☐ Other:
Describe: (include numb	er of individuals rec	reating, frequency of use, photo-	documentation of evidence	of recreational uses, e
(
(
(
	e*: 2500T+	celego so		
dence of Human Us	e*: 500F+ 0		□ Livestock Watering	D DV / ATV To al
dence of Human Use ☑ Roads	Foot paths/prin	ats Dock/platform	☐ Livestock Watering	□ RV / ATV Track
dence of Human Us	e*: 500 F + 00		☐ Livestock Watering ☐ NPDES Discharge	☐ RV / ATV Track ☐ Fishing Tackle

/BID # <u> </u>	87 Site #	150				4
ate: <u>10</u> /_	6/00					
	Dat	a Sheet B - Site	e Characterizatio	n-2 of 3		
tream Morp						
Upstream	View Physical Dir Distance from access point (m)	mensions: Width (m)	Length (m) A	Avg. Depth (m)	Max Depth (m)
☐ Riffle		,				
Run						
₽ Pool	6.1	/2	6		0.1	0.15
Flow	Present?	□⁄No	Velocity (ft/s	ec): O		
Dorringtnog	m View Dhysiael	Dimonoione.				
Downstrea	Distance from access point (m)	Width (m)	Length (m) A	avg. Depth (m)	Max Depth (m)
□ Riffle						
□ Run						
☐ Pool	G.V	5	8		0.4	0.5
□Flow	Present?	□tNo	Velocity (ft/s	ec): 🔿		
1						
	(These values should a Cobble %	······	○ % Sand (4	% Silt	% Mud/Clay	% Bedrocl
/0	70	Glavel 4) /0 Sand (2	% Silt	76 Mud/Clay	7 % Bedroci
quatic Vege	etation*: (Note amou	nt of vegetation or	algal growth at the a	ssessment site	:.)	
	none					
latar Chara	cteristics*: (Mark a	Il that annie:				
Odor:	☐ Sewage	□ Musky	☐ Chemical	None	☐ Other:	
Color:	☐ Clear	☐ Green	☐ Gray	☐ Milky	Other:	Br. 12
Bottom Dep			Fine sediments		☐ Other:	Brown
Surface Dep		☐ Scum	☐ Foam	□ None	☐ Other:	
L	 	L CVIIII	L I Veill		Li Oulei:	

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WBID	#1	1087	_ Site # _	1150
Date: _	101	6/	2006	

Data Sheet B - Site Characterization - 3 of 3

Comments: Please describe any departures from protocol and the reasons for departure (e.g., unanticipated unique local onditions, problems in measuring, site relocation).								
none								
	,							

WBID	#	1687	Site #	1150

Date: 10/ 6/ 00

Telephone #:

Field Data Sheets for Recreational Use Stream Surveys

	(Make addition	Data Sheet C – nal copies as necess	Interviews sary for multiple interv	views)	
1. Do you live i	in the area? Valong have you			site	
	rsonally used thi ase check ALL t		ecreation since 1975?	□ Yes □ No	
☐ Swimming	☐ Skin diving	☐ SCUBA diving	Tubing	☐ Water skiing	
☐ Wind surfing	☐ Kayaking ☐ Boating ☐ Wading ☐ Rafting				
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	☐ Other:	
3. Have you ob	served others us	1 time per year – p	lease describe:	975? □ Yes □ No	
If so, ple	ase check ALL t	hat apply:	T		
Swimming	Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing	
☐ Wind surfing	☐ Kayaking	☐ Boating	□ Wading	☐ Rafting	
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	☐ Other:	
	G More than G 1 – 5 time G Less than	erved it being used 5 times per year s per year 1 time per year – pl			
Contact Inform		to provide):			
Name: Address:					

WBID # 1687 Site # 1151

Date: 10 1 06 1 06

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet B - Site Characterization - 1 of 3

(A separate Data Sheet B must be completed for each site)

Latitude (ddd.dddd): 3			Arrival Time:			
Longitude (ddd.dddd):	-90, 986 34		1000	\circ		
Photo Ids: Upstream:	I	Downstream:	Other:			
	169	170	e respective			
rrative Description	of Location: (De	scribe access point to stream, n	earby roads, landmarks, etc.)		
e cenas w	a stream	, <i>ne</i> or constr	uction and 0.1	8 m/es		
upstream	of acess	point.	,, ,,	3		
rounding Conditio	ma#4 /3 f - 1 11 .1					
s of interest.)	us": (Iviark all that]	promote or impede recreational	uses. Attach photos of evid	ence or unusual		
☐ City/county parks	☐ Playgrounds	☐ MDC conservation lands	Urban areas	☐ Campgrounds		
☐ Boating accesses	☐ State parks	☐ National forests	☐ Nature trails	☐ Stairs/walkway		
☐ No trespass sign	☐ Fence	☐ Steep slopes	Other: 51+ France	Other: 51+ Fence - Barreson Control		
man Uses Observed	l*:			control		
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing		
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Wading	☐ Rafting		
☐ Hunting	☐ Trapping	☐ Fishing	None of the above	□ Other:		
,		reating, frequency of use, photo		e of recreational uses, et		
dence of Human Us	e*:					
	☐ Foot paths/prin	ts Dock/platform	☐ Livestock Watering	☐ RV / ATV Tracks		
☑ Roads	= Toot pauls/pilli					
☐ Rope swings	☐ Camping Sites	☐ Fire pit/ring	☐ NPDES Discharge	☐ Fishing Tackle		
Rope swings	☐ Camping Sites	☐ Fire pit/ring	☐ NPDES Discharge	☐ Fishing Tackle		
□ Rope swings Other: Consh	□ Camping Sites			☐ Fishing Tackle		
□ Rope swings Other: Consh	□ Camping Sites	Fire pit/ring		☐ Fishing Tackle		

<u>5 + Site # //</u>	51				4
100					
Data	Sheet B - Site	Characterizatio	n – 2 of 3		
ology: ew Physical Dim	ensions:				
Distance from access point (m)	Width (m)	Length (m)	Avg. Depth (m)	Max Depth (m)
Shecum	5	20		0.7	1.0
resent?	□No	Velocity (ft/se	ec): 🔘		
View Physical D	imensions:				
Distance from access point (m)	Width (m)	Length (1	m)	Avg. Depth (m)	Max Depth (m)
.18 mi upstve	am 8	20		0.8	1.0
resent?	⊠ No	Velocity (ft/se	ec): <i>(</i>)		
ace values chould ad	dum to 1009/)				
		% Sand 9/	∩ % Silt	% Mud/Clay	/ % Bedrock
					/ J Jediock
ion*: (Note amoun	t of vegetation or al	gal growth at the as	sessment sit	e.)	
none					
ristics*: (Mark all	that apply.)				
☐ Sewage	□ Musky	☐ Chemical	☐ None	☐ Other:	
□ Clear	☐ Green	☑ Gray	☐ Milky	☐ Other:	Brown
: □ Sludge	☐ Solids	☐ Fine sediments	□ None	☑ Other:	
: 🗹 Oil	□ Scum	□ Foam	□ None	☐ Other:	Lthick
	Data logy: w Physical Dim Distance from access point (m) View Physical D Distance from access point (m) 18 M. WSM resent?	Data Sheet B - Site Cology: We Physical Dimensions: Distance from access point (m) View Physical Dimensions: Distance from access point (m) Width (m) Width (m) Width (m) Width (m) See values should add up to 100%.) See values should add up to 100%.)	Data Sheet B - Site Characterization logy: w Physical Dimensions: Distance from access point (m) Velocity (ft/so View Physical Dimensions: Distance from access point (m) Width (m) Length (n) View Physical Dimensions: Distance from access point (m) Velocity (ft/so resent?	Data Sheet B - Site Characterization - 2 of 3 llogy: ew Physical Dimensions: Distance from access point (m)	Data Sheet B - Site Characterization - 2 of 3 logy: EW Physical Dimensions: Distance from access point (m) Width (m) Length (m) Velocity (ft/sec): View Physical Dimensions: Distance from access point (m) Width (m) Length (m) Avg. Depth (m) Avg. Depth (m) Avg. Depth (m) Velocity (ft/sec): View Physical Dimensions: Distance from access point (m) Velocity (ft/sec): View Physical Dimensions: Distance from access point (m) Velocity (ft/sec): View Physical Dimensions: Distance from access point (m) Velocity (ft/sec): See values should add up to 100%.) See values should add up to 1

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WBID # 1687 Site # 1151	5
Date: 10 / 6 / 00	
Data Sheet B - Site Characterization - 3 of 3	
Comments: Please describe any departures from protocol and the reasons for departure (e.g., a conditions, problems in measuring, site relocation).	manticipated unique local
nare	

WBID #_	1687	Site #	1151
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Date: 10 / 6 / 06

Field Data Sheets for Recreational Use Stream Surveys

	(Make addition	Data Sheet C – nal copies as necess	Interviews sary for multiple inter	views)				
1. Do you live i	n the area? □`v long have you			none @ site				
	rsonally used thi		ecreation since 1975?	□ Xes □ No				
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing				
☐ Wind surfing	☐ Kayaking	ing 🗆 Boating 🗆 Wading		☐ Rafting				
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	☐ Other:				
	How often do you use it for recreation? G More than 5 times per year G 1 - 5 times per year G Less than 1 time per year - please describe:							
	served others us ase check ALL t		for recreation since 1	1975? □ Yes □ No				
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing				
☐ Wind surfing	☐ Kayaking	□ Boating	☐ Wading	☐ Rafting				
☐ Hunting	☐ Trapping	Fishing	☐ None of the above	☐ Other:				
	How often have you observed it being used for recreation? G More than 5 times per year G 1 - 5 times per year G Less than 1 time per year – please describe:							
4. Additional C	ømments:							

Name:

Address:

Telephone #:

WBID	#	14	08	1	_Site #	<u> 1152 </u>
Date	í	ΔT	/_	/	Δt_{α}	

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet B - Site Characterization - 1 of 3

Latitude (ddd.dddd): 3	8.538 56		Arrival Time:			
Longitude (ddd.dddd):	-90.9847%		0810			
Photo Ids: Upstream:	· · · · · · · · · · · · · · · · · · ·	Downstream:	Other:			
	164	165		- phn line		
arrative Description	of Location: (De	scribe access point to stream, n	nearby roads, landmarks, etc.)			
e road cros	SING (Hwy	100) GPS seeme	d to bedirectly	wiside		
road culver	+.	100) GPS seeme				
urrounding Conditions of interest.)	ns*: (Mark all that]	promote or impede recreational	l uses. Attach photos of evide	nce or unusual		
☐ City/county parks	☐ Playgrounds	☐ MDC conservation lands	Urban areas	☐ Campgrounds		
☐ Boating accesses	☐ State parks	☐ National forests	☐ Nature trails	☐ Stairs/walkway		
☐ No trespass sign	☐ Fence	☐ Steep slopes	☐ Other:	☐ Other:		
uman Uses Observed	l*:		•			
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing		
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Wading	☐ Rafting		
☐ Hunting	☐ Trapping	☐ Fishing	None of the above	☐ Other:		
Describe: (include numb	per of individuals rec	reating, frequency of use, photo	o-documentation of evidence	of recreational uses, etc.)		
idence of Human Us						
		nts □ Dock/platform	☐ Livestock Watering	□ RV / ATV Tracks		
idence of Human Us	se*:		☐ Livestock Watering ☐ NPDES Discharge	□ RV / ATV Tracks		
vidence of Human Us ☑ Roads	s e*: ☐ Foot paths/prin	☐ Fire pit/ring				
ridence of Human Us ☐ Roads ☐ Rope swings ☐ Other: PHOYE	Foot paths/prin	☐ Fire pit/ring	☐ NPDES Discharge			
ridence of Human Us ☐ Roads ☐ Rope swings ☐ Other: PHOYE	Foot paths/prin	☐ Fire pit/ring	☐ NPDES Discharge			

	1687 Site# 115	52				4
rate{0/_		Sheet B - Site Ch	aracterization	-2 of 3		
tream Morj	phology: View Physical Dim	ensions:				
	Distance from access point (m)	Width (m)	Length (m) A	Avg. Depth (m)	Max Depth (m)
☐ Riffle						
☐ Run						
□ Pool	@ access	v	50		0.3	0.4
Flow	Present?	☑ No	Velocity (ft/sec	s): ()		
Downstre	am View Physical I	Dimensions: wd	er culvert			
	access point (m)	Width (m)	Length (m	i) A	Avg. Depth (m)	Max Depth (m)
☐ Riffle						
☐ Run						
□ Pool	Same	4	60		0.7	0.7
☐ Flow	Present?	□∕No	Velocity (ft/sec	c): ~		
luhetrata*•	(These values should ad	ld up to 100%)				
	6 Cobble 40 %		Sand	% Silt	% Mud/Clay	% Bedrock
Aquatic Veg	getation*: (Note amoun	nt of vegetation or alga	growth at the ass	essment sit	e.)	
	nara					
Water Char	acteristics*: (Mark al	ll that apply.)				
Odor:	☐ Sewage] Chemical	None	☐ Other:	
Color:	□ Clear	☐ Green ☐	Gray	Milky	Other:	Brann

☐ Foam

□ Solids

☐ Scum

☐ Sludge
☑ Oil

Fine sediments

☐ None

□ None

☐ Other:

Bottom Deposit:

Surface Deposit:

^{*}This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that affect another use.

WBID #_	1687	_ Site # _	1152		
Date: _10	1 6 1	04			

Data Sheet B - Site Characterization - 3 of 3

5

Comments: Please describe any departures from protocol and the reasons for departure (e.g., unanticipated unique loca conditions, problems in measuring, site relocation).							
	none						

		Data Sheet C – l	Intorniorus	
	(Make addition		ary for multiple interv	riews)
 Do you live i If so, how 	n the area? X	Yes □ No lived here?35	- y~S	
	rsonally used the ase check ALL t		creation since 1975?	∐ Yes Xi No
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Wading	☐ Rafting
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	☐ Other:
•	served others us ase check ALL	•	for recreation since 1	975? □ Yes 🔀
☐ Wind surfing	☐ Kayaking	☐ Boating	□ Wading	☐ Rafting
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	☐ Other:
ΤΤ Δ.	G More than	erved it being used a 5 times per year	for recreation?	
	G Less than		lease describe:	a free lines
	G Less than	1 time per year – p	trem has h ha	g farm since

WBID	#	68	7_	_Site#	1153
Date:	10	16	_/_	06	_

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet B - Site Characterization - 1 of 3 (A separate Data Sheet B must be completed for each site)

Latitude (ddd.dddd): 3	8.54626			Arrival Time:	
Longitude (ddd.dddd):	0845				
Photo Ids: Upstream:	I	Other:			
	167		168		
rrative Description	of Location: (De	scribe	access point to stream, ne	arby roads, landmarks, etc)
0.1 miles dow	nstream c	of a	ccess point		
rounding Condition s of interest.)	18*: (Mark all that p	promot	e or impede recreational u	ses. Attach photos of evid	ence or unusual
☐ City/county parks	☐ Playgrounds		DC / 1 1		
			DC conservation lands	Urban areas	☐ Campgrounds
☐ Boating accesses	☐ State parks		ational forests	☐ Nature trails	☐ Stairs/walkway
☐ No trespass sign	☐ Fence	☐ St	eep slopes	☐ Other:	
man Uses Observed	*:				-
☐ Swimming	☐ Skin diving		☐ SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking		☐ Boating	□ Wading	☐ Rafting
☐ Hunting	☐ Trapping		☐ Fishing	None of the above	□ Oth
Describe: (include numb	er of individuals rec	reating	frequency of use, photo-	documentation of evidence	of recreational uses et
					, ···
lence of Human Us	e*:				
lence of Human Use	e *: ☐ Foot paths/prin	ts	☐ Dock/platform	☐ Livestock Watering	□ RV / ATV Track
lence of Human Use Roads Stream 2 ☐ Rope swings	e*: □ Foot paths/prin □ Camping Sites	ts	☐ Dock/platform ☐ Fire pit/ring		-
		ts		☐ Livestock Watering ☐ NPDES Discharge	☐ RV / ATV Tracks ☐ Fishing Tackle
☐ Rope swings		ts			
☐ Rope swings	☐ Camping Sites		☐ Fire pit/ring		

/BID # <i> ©</i>	87 Site # 115	53				4
ate: <u> 16 / _</u>	61 ap					
	Data	Sheet B - Site	Characterizatio	n – 2 of 3		
ream Morp	hology					
	View Physical Din	ensions:				
	Distance from access point (m)	Width (m)	Length (m)	Avg. Depth (m)	Max Depth (m)
☐ Riffle						
□ Run						
Pool	O. II miles	2			0.05	0.1
Flow	Present?	□ No	Velocity (ft/s	ec):		
Downstroo	m View Dhysiaal I	Nimonsions:				
Downstream	m View Physical I Distance from access point (m)	Width (m)	Length (m) .	Avg. Depth (m)	Max Depth (m)
☐ Riffle						
□ Run						
☐ Pool	Sem_e	6	25		0.5	0.8
Flow	Present? ☐ Yes	E No	Velocity (ft/s	ec): 🕜		
whatwatate (TTS 1 1 1 1 1 1	1 1000/				
10 % C	These values should ad Cobble 30 %		% Sand 3	O % Silt	% Mud/Clay	% Bedrock
(0)				, , , , , , , ,	70 Mad Clay	70 Bedrock
quatic Vege	tation*: (Note amoun	nt of vegetation or	algal growth at the as	ssessment sit	e.)	
Λ.	are					
1	<i>a •</i> ••					
ater Charac	cteristics*: (Mark al	l that apply.)				
Odor:	☐ Sewage	☐ Musky	☐ Chemical	☐ None	☐ Other:	
Color:	☐ Clear	☐ Green	☑ Gray	☐ Milky	☑ Other:	Bran
Bottom Depo	osit: 🗆 Sludge	☐ Solids	Fine sediments	☐ None	□ Other:	silt
Surface Depo	osit: ☑ Oil	□ Scum	☐ Foam	☐ None	☐ Other:	
•						

^{*}This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that affect another use.

WBID# 1687	Site #
Date: 10/ 6/	00

Data Sheet B - Site Characterization - 3 of 3

Comments: Please describe any departures from protocol and the reasons for departure (e.g., unanticipated unique local conditions, problems in measuring, site relocation).					
,, <u> </u>	nane				

_ Site # _	1153
010	
<u>Fi</u>	eld Data S
	010

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet C – Interviews (Make additional copies as necessary for multiple interviews)					
1. Do you live in the area? The Site of Site o					
2. Have you personally used this water body for recreation since 1975? ☐ Yes ☐ No If so, please check ALL that apply:					
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing	
☐ Wind surfing	☐ Kayaking	☐ Boating	Wading	☐ Rafting	
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	☐ Other:	
How often do you use it for recreation? G More than 5 times per year G 1-5 times per year G Less than 1 time per year - please describe: 3. Have you observed others using this water body for recreation since 1975? No					
☐ Swimming	ase check ALL t	hat apply: ☐ SCUBA diving			
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Tubing ☐ Wading	☐ Water skiing	
☐ Hunting	Trapping	☐ Fishing	☐ None of the above	☐ Rafting ☐ Other:	
How often have you observed it being used for recreation? G More than 5 times per year G 1 – 5 times per year G Less than 1 time per year – please describe: 4. Additional Comments:					
Contact Information (if willing to provide): Name: Address:					

Telephone #:



Site# 1148 Photo ID# 174, Upstream



Site# 1148 Photo ID# 176, Steep slopes



Site# 1148 Photo ID# 175, Downstream



Site# 1148 Photo ID# 177, Fence



Site# 1149 Photo ID# 178, Upstream



Site# 1150 Photo ID# 172, Upstream



Site# 1149 Photo ID# 179, Downstream



Site# 1150 Photo ID# 173, Downstream



Site# 1151 Photo ID# 169, Upstream



Site# 1151 Photo ID# 171



Site# 1151 Photo ID# 170, Downstream



Site# 1152 Photo ID# 164, Upstream



Site# 1152 Photo ID# 165, Downstream



Site# 1153 Photo ID# 167, Upstream



Site# 1152 Photo ID# 166, Phn line



Site# 1153 Photo ID# 168, Downstream